



Text Encoding Converter for GU-7000

Quick Guide

DOCUMENT NO. : E-M-0108-00
DATE OF ISSUE : April 28, 2012
REVISION :
PUBLISHED BY : Noritake Co., Inc.

Noritake Co., Inc.
2635 Clearbrook Drive
Arlington Heights, IL 60005
www.noritake-elec.com
Phone: (800) 779 – 5846
Phone: (847) 439 – 9020
Fax: (847) 593 – 2285

East Coast
New Jersey Branch
15-22 Fair Lawn Ave.
Fair Lawn, NJ 07410
Phone: (888) 296 – 3423
Phone: (201) 475 – 5200
Fax: (201) 796 - 2269

Midwest, Canada, and Mexico
Chicago Branch
2635 Clearbrook Dr.
Arlington Heights, IL 60005
Phone: (800) 779 – 5846
Phone: (847) 439 – 9020
Fax: (847) 593 – 2285

West Coast
Los Angeles Branch
21081 S. Western Ave. Ste 180
Torrance, CA 90501
Phone: (888) 795 – 3423
Phone: (310) 320 – 1700
Fax: (310) 320 - 2900

© 2012 Noritake Co., Inc. All rights reserved

Text Encoding Converter for GU-7000 Quick Guide
E-M-0108-00

If this quick guide is distributed with software that includes an end user agreement, this guide, as well as the software described in it, is furnished under license and may be used or copied only in accordance with the terms of such license. Except as permitted by any such license, no part of this guide may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, recording, or otherwise, without the prior written permission of Noritake Co., Inc. Please note that the content in this quick guide is protected under copyright law even if it is not distributed with software that includes an end user license agreement.

The content of this quick guide is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Noritake Co., Inc. Noritake Co., Inc. assumes no responsibility or liability for any errors or inaccuracies that may appear in the informational content contained in this quick guide.

Any references to company names in sample codes are for demonstration purposes only and are not intended to refer to any actual organization.

Noritake and Itron are either registered trademarks or trademarks of Noritake Co., Inc. in the United States and/or other countries.

Noritake Co., Inc., 2635 Clearbrook Drive, Arlington Heights, IL 60005, USA.

Contents

Chapter 1: Getting started	1
Installation	1
Requirements.....	1
Install <i>Text Encoding Converter for GU-7000</i>	1
Supported VFD modules	1
Supported character sets.....	2
Chapter 2: Convert your text	3
Convert your text for GU-7000 code library	4
Convert your text	4
Paste into Source.	4
Convert your CJK text for -79** modules	4
Paste into Source.	4

Chapter 1: Getting started

Text Encoding Converter for GU-7000 converts text written in the text box to selected character set for GU-7000 code library.

This quick guide requires Noritake_VFD_GU7000 code library and AVR Studio 4. They can be downloaded from the following links:

Noritake_VFD_GU7000 code library

http://itron.tv/Noritake_VFD_GU7000

AVR Studio 4

<http://www.atmel.com/tools/AVRSTUDIO4.aspx>

Installation

Requirements

Microsoft® Windows® XP, Windows® Vista, or Windows® 7.

Microsoft® .NET Framework 2.0 or greater .

60 KB of hard disk space

Install *Text Encoding Converter for GU-7000*

- ❖ Extract the file on to the desktop.

Supported VFD modules

Noritake GU-7000 VFD modules.

Visit the following link for full listing of Noritake GU-7000 VFD modules:

<http://itron.tv/gu7000>

Noritake GU-7000 VFD modules are available for purchase at:

<http://itron.tv/buygu7000>

Supported character sets

Following character sets are built-in to all Noritake GU-7000 VFD modules:

- USAEuroStd
- Katakana
- Multilingual
- Portuguese
- Canadian French
- Nordic
- WCP1252
- Cyrillic2
- Latin2
- PC858

Font size: 5x7

Byte per character: 1 Byte

Download the font table:

<http://itron.tv/gu7xxxintfont>

Following character sets are built-in to Noritake GU-7000 VFD modules ending with -79**:

- ShiftJIS (Japanese)
- KSC5601 (Korean)
- GB2312 (Simplified Chinese)
- Big5 (Traditional Chinese)

Font sizes: 16x16 for CJK characters and 8x16 for non-CJK characters.

Bytes per character: 2 Bytes

Download the font table:

[ShiftJIS \(Japanese\)](#)

[KSC5601 \(Korean\)](#)

[GB2312 \(Simplified Chinese\)](#)

[Big5 \(Traditional Chinese\)](#)

Chapter 2: Convert your text

The converted codes are dependent of the Noritake_VFD_GU7000 code library and assumes Noritake_VFD_GU7000 code library is downloaded and extracted to the desktop.

Download Noritake_VFD_GU7000 code library

http://itron.tv/Noritake_VFD_GU7000

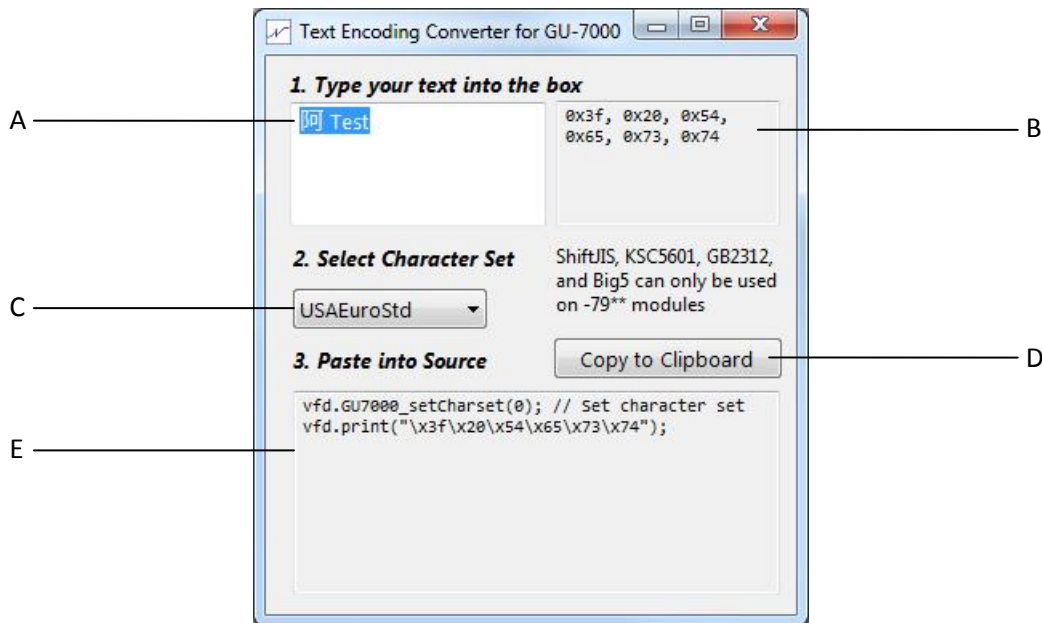


Figure 1 Text Encoding Converter for GU-7000

- A.** Text box
- B.** Converted character code
- C.** Character set drop down menu
- D.** Copy to Clipboard
- E.** Converted codes for GU-7000 code library (command+parameter)

Note: This quick guide assumes that a variable named “vfd” has been declared as:
`Noritake_VFD_GU7000 vfd;`

Convert your text for GU-7000 code library

Convert your text

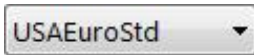
To convert your text to the one of the following character sets, type in the *text box*. The converted codes for GU-7000 code library will include: Selecting the character set and printing converted text data.

Note: The following character sets are available for all GU-7000 VFD modules and displayed in 5x7 font size.

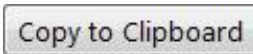
- USAEuroStd
- Katakana
- Multilingual
- Portuguese
- Canadian French
- Nordic
- WCP1252
- Cyrillic2
- Latin2
- PC858

1. Type your text into the *Text box*.

2. Select *Character Set*.

A screenshot of a dropdown menu with 'USAEuroStd' selected and a downward arrow on the right.

3. Click on *Copy to Clipboard*.

A screenshot of a button labeled 'Copy to Clipboard'.

4. Paste into Source.

Convert your CJK text for -79** modules

To convert your text to the one of the following character sets, type in the *text box*. The converted codes for GU-7000 code library will include: Selecting 8x16 font, turning on/off the multi-byte characters, setting the font table and printing converted text data.

Note: The following character sets are available for -79** modules and displayed in 16x16 font size for CJK characters and 8x16 font size for non-CJK characters.

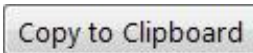
- ShiftJIS (Japanese)
- KSC5601 (Korean)
- GB2312 (Simplified Chinese)
- Big5 (Traditional Chinese)

1. Type your text into the *Text box*.

2. Select *Character Set*.

A screenshot of a dropdown menu with 'ShiftJIS' selected and a downward arrow on the right.

3. Click on *Copy to Clipboard*.

A screenshot of a button labeled 'Copy to Clipboard'.

4. Paste into Source.